

# OXONE PS-16



CAS Number: 37222-66-5

Other Name: Potassium Peroxomonosulfate; Oxone  
Potassium monopersulfate triple salt; Caroot;

Formula:  $H_3K_5O_{18}S_4$

## PRODUCT INTRODUCTION

Oxone PS-16 is the potassium salt of peroxymonosulfuric acid having chemical formula  $H_3K_5O_{18}S_4$ . It appears as white, granular, free flowing peroxygen that provides powerful non-chlorine oxidation for a wide variety of industrial and consumer uses.

## PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White, Granular, Odorless, Free-Flowing Powder
Typical pH (1 % Solution, 25°C)	2.3
Active Oxygen	4.78 %
Water	0.07 %
Particle Size USS# 016	100.0 %
Particle Size USS# 020	98.2 %
Particle Size USS# 030	88.5 %
Particle Size USS# 100	21.9 %
Particle Size USS# 200	4.1 %
Particle Size USS# 325	98.0 %

## APPLICATIONS

- Swimming pool shock oxidizer.
- Printed wiring board micro etchant.
- Repulping aid for wet-strength-resin destruction.
- Odor control agent in wastewater treatment.
- Bleach component in denture cleanser and laundry formulations.

- Activator in antimicrobial compositions.
  - Other uses where its combination of powerful oxidation and relative safe handling properties are of value.
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## PACKAGING OPTIONS

Drums

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